Australian Government
National Measurement Institute
Bradfield Road, West Lindfield NSW 2070

Notification of Change
Certificate of Approval No 5/6A/204
Change No 4

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

The following changes are made to the approval documentation for the

Gilbarco Model T900A2NP Electroline Mk 4 Fuel Dispenser for Motor Vehicles

submitted by Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144.

A. In Certificate of Approval 5/6A/204 dated 5 July 2010, the FILING ADVICE should be amended by adding the following:

"Notification of Change No 4 dated 5 October 2012"

B. In Technical Schedule No 5/6A/204 dated 16 February 2004, clause **1.3 Pre-set Facility**, should be amended by changing the 1st sentence to read;

"The optional pre-set keypad facility (Figure 4) allows pre-set values to be entered in dollar increments."

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the *National Measurement Regulations 1999*.

Australian Government
National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Certificate of Approval

No 5/6A/204

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the

Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

submitted by Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI R 117-1, Measuring Systems for Liquids Other than Water, dated July 2004.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 January **2014**, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked with approval number 'NSC 5/6A/204' and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

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The National Measurement Institute reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0/A.

DESCRIPTIVE ADVICE

Pattern: provisionally approved 23 July 2003
approved 16 December 2003

- A Gilbarco model T900A2NP Electroline Mk4 fuel dispenser for refuelling motor vehicles using various grades of fuels.

Variant: provisionally approved 23 July 2003
approved 16 December 2003

1. Certain other models and configurations.

Variant: approved 16 December 2003

2. With a submersible turbine pumping system.

Variant: approved 12 February 2004

3. For use to dispense biodiesel fuels.

Technical Schedule No 5/6A/204 describes the pattern and variants 1 to 3.

Variants: approved 24 February 2006

4. With a Gilbarco model T20150 flowmeter.
5. With a Gilbarco Electroline Mk4 calculator/indicator.
6. A Gilbarco model T903 Electroline Mk4 Trio fuel dispenser.

Technical Schedule No 5/6A/204 Variation No 1 describes variants 4 to 6.

Variant: approved 20 July 2006

7. The Gilbarco T904 Electroline Mk4 Flow Select series of fuel dispensers.

Technical Schedule No 5/6A/204 Variation No 2 describes variant 7.

Variant: approved 10 April 2008

8. With a Fitsafe in-line filter.

Technical Schedule No 5/6A/204 Variation No 3 describes variant 8.

Variant: approved 2 July 2010

9. The pattern and variants for use to dispense various grades of petrol which may include up to 85% ethanol ('E85').

Technical Schedule No 5/6A/204 Variation No 4 describes variant 9.

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FILING ADVICE

Certificate of Approval No 5/6A/204 dated 16 June 2008 is superseded by this Certificate, and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 5/6A/204 dated 5 July 2010
Technical Schedule No 5/6A/204 dated 16 February 2004 (incl. Table 1 and Test Procedure)
Technical Schedule No 5/6A/204 Variation No 1 dated 11 April 2006 (incl. Tables 2 & 3, and Notification of Change)
Technical Schedule No 5/6A/204 Variation No 2 dated 21 July 2006 (incl. Table 4 and Notification of Change)
Technical Schedule No 5/6A/204 Variation No 3 dated 16 June 2008
Technical Schedule No 5/6A/204 Variation No 4 dated 5 July 2010 (incl. Note)
Notification of Change No 1 dated 28 July 2004
Notification of Change No 2 dated 3 September 2008
Figures 1 to 10 dated 16 February 2004
Figures 11 to 13 dated 11 April 2006
Figure 14 dated 21 July 2006
Figure 15 dated 16 June 2008

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the *National Measurement Regulations 1999*.

TECHNICAL SCHEDULE No 5/6A/204

Pattern: Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

Submittor: Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144

1. Description of Pattern

The Gilbarco model T900A2NP Electroline Mk4 dual fuel dispenser for motor vehicles is approved to dispense various grades of fuels, in attendant-operated mode, or in attended self-service mode using any compatible (#) Commission-approved control console. The meter is adjusted to be correct for the liquid for which it is to be verified/ certified.

(#) "Compatible" is defined to mean that no additions/changes to hardware/software are required for satisfactory operation of the complete system including all checking facilities.

1.1 Field of Operation

The field of operation of the measuring system is determined by the following characteristics:

- Minimum measured quantity, V_{min} 2 L
- Maximum flow rate, Q_{max} 50 L/min
- Minimum flow rate, Q_{min} 5 L/min
- Maximum pressure of the liquid (P_{max}) 350 kPa
- Minimum pressure of the liquid (P_{min}) 100 kPa
- Nature of the liquids to be measured e.g. 0.5 to 20 mPa.s (20°C) (*)
- Maximum temperature of the liquid, T_{max}) 50°C
- Minimum temperature of the liquid, T_{min}) -10°C
- Environmental temperature range of -25 to 45°C

(*) Fuels include petrol, kerosene and distillate.

1.2 Description of Metering System

The instrument (Figure 1) incorporates the following components:

(i) Two Blackmer model GDP-90 pumping units (Figure 2) with an integral by-pass and gas elimination device; any vapour or gas separated by the monoblock is exhausted to the vent tube. A gas detection switch is connected to the vent tube. (Refer to the documentation of NSC approval No S383).

A gas/air test valve is provided for checking the operation of the gas elimination device.

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(ii) Two Gilbarco model T262 (PA024) four piston positive displacement meters (Figure 3) each fitted with a Gilbarco model DR07050 pulse generator;

(iii) Two two-stage solenoid valves for pre-set operations

(iv) Two hoses/nozzles, one mounted in each end of the dispenser housing. The nozzle used is a 16 mm ZVA or any other Commission-approved nozzle.

(v) Four Gilbarco model Electroline electromechanical calculator/indicator module (Figure 4). Removing the nozzle from its normal hang-up position initiates a segment check of the price, volume and unit price displays. Then the price and volume displays reset to zero, and the unit price shows the unit price.

Volume	000.00 L to 9999.99 L in 0.01 L increments
Unit price	0.1 to 999.9 c/L in 0.1 c/L increments
Price	$000.00 to $999.99 in 1 c increments
Totaliser	To 9999999 L

1.3 Pre-set facility

The optional pre-set keypad facility (Figure 4) allows pre-set values to be entered either in dollar increments ~~up to a maximum of $990.~~ The pre-set amount is displayed on the price ($) indicator of the display; the pre-set amount can be viewed before and after the delivery is complete by pressing the 'Recall' button situated in the pre-set pad. To cancel the pre-set amount, or to start again, press the 'Fill/cancel' button.

1.4 Checking Facilities

Removing the nozzle from its normal hang-up position initiates a segment check of the price, volume, and unit price displays.

- Delivery is stopped if excessive amounts of air/vapour are detected.
- Error 1 is displayed and delivery stopped when the meter pulse output errors are detected.

1.5 Sealing Provision

The gas separator test valve has provision for sealing. The meter is sealed as shown in Figure 5.

1.6 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.7 Markings

Instruments are marked with the following data, together in one location on a data plate:

Pattern approval sign	NSC No 5/6A/204
Manufacturer's identification mark or trade mark	.....
Manufacturer's designation (model number)	.....
Serial number	.....
Year of manufacture	.....
Minimum measured quantity, V_{min}	..... (#)
Maximum flow rate (Q_{max})	..... L/min
Minimum flow rate (Q_{min})	..... L/min
Maximum pressure of the liquid (P_{max})	..... kPa
Minimum pressure of the liquid (P_{min})	..... kPa
Nature of the liquids to be measured	.....
Environmental class	class C

(#) The minimum measured quantity is also marked on the calculator/indicator clearly visible to the user and may be marked in the form "Minimum Delivery 2 L".

2. Description of Variants

2.1 Variant 1

Certain models and configurations as listed below and in Table 1. All models have multi-stage solenoid valves, however the pre-set keypad is optional.

- As a single dispenser having a single hydraulic system, meter, indicator and hose/ nozzle, indicated by '1' as the 6th digit in the model number, e.g. T900A1NP.
- As 'lane' oriented dispensers where the hoses/nozzles are mounted in the front and rear of the dispenser housing, indicated by '1' as the 4th digit in the model number, e.g. the model T901A2NP (Figure 6). The pattern, model T900A2NP, is an 'island' oriented dispenser (Figure 1).
- As multi-hose dispensers (Figure 7) where the hoses/nozzles are mounted in the front (or front and rear) of the dispenser housing and where only a single display is fitted to each side of the dispenser, indicated by '2' as the 4th digit in the model number, e.g. the model T902A4NP, where the '4' as the 6th digit indicates the number of hoses/nozzles.
- High flow used to dispense distillate only, comprising valves, hoses and nozzles suitable for high flow, and indicated by 'H' as the 7th digit in the model number, e.g. the model T901A2HP.

  Field of Operation

  The field of operation of this model is the same as for the pattern, except for the following characteristics:

  - Maximum flow rate, Q_{max} 80 L/min
  - Minimum flow rate, Q_{min} 8 L/min

  A ZVA 25 mm nozzle or any other Commission-approved nozzle is used to achieve the flow rate.

- Ultra high flow used to dispense distillate only, comprising two pumping units, two meters and one hose, indicated by 'U' as the 7th digit in the model number, e.g. the model T901A1UD. Figure 8 shows an ultra high flow dispenser (T900A1UP or T90A1UP) supplied from a submersible turbine pump (STP) hydraulic system (variant 2).

  Field of Operation

  The field of operation of this model is the same as for the pattern, except for the following characteristics:

  - Maximum flow rate, Q_{max} 160 L/min
  - Minimum flow rate, Q_{min} 16 L/min

  A ZVA 25 mm nozzle or any other Commission-approved nozzle is used to achieve the flow rate.

- Instruments with 'shared' hydraulics (Figure 9) have a single pumping unit which supplies two separate meters, pulsers, valves and nozzles, indicated by 'S' as the 7th digit in the model number, e.g. the model T901A2SP.

- Instruments with 'mixed' hydraulics have two separate pumping units fitted into a common cabinet; each pumping unit has meters, valves and hoses, indicated by 'M' as the 7th digit in the model number, e.g. the model T901A2MP. This configuration may supply different grades of fuels and/or at certain different flow rates, namely 'normal' (5 to 50 L/min) or 'high' (8 to 80 L/min) only. Note that only distillate can be dispensed over the flow rate range of 8 to 80 L/min, while other grades can only be dispensed over the flow rate range of 5 to 50 L/min.

2.2 Variant 2

Systems may include one or more Commission-approved submersible turbine pump (STP) hydraulic systems. These hydraulic systems replace the equivalent components (i.e. motor, pump/strainer/gas separator, and associated pipework) in any fuel dispenser covered by this approval in which case the model number has a D as the 8th digit, e.g. T900A2ND (Figure 10). More than one fuel dispenser may be connected to the same submersible turbine pump hydraulic system.

2.3 Variant 3

The pattern and variants constructed for use to dispense various grades of pure biodiesel and biodiesel/distillate blends (to Australian government standard) in which case the model number has a W suffix, e.g. T900A2NDW.

TABLE 1

Meaning of model designations.

All Electroline Mk4 series model numbers have ‘T90’ as the first three characters, e.g. the pattern is a model T900A2NP, having 2 hoses, in an ‘island’ oriented configuration, a normal (50 L/min) maximum flow rate, and has ‘pump’ type hydraulics.

Character	**Codes**	**Meaning** (Figures)
Fourth character	0	Island oriented hoses (Fig 1)
	1	Lane oriented hoses (Fig 6)
	2	Multi-hose orientation (Fig 7)
Fifth character	A	Australia
Sixth character	1, 2, 3 or 4	Number of hoses
Seventh character	N	Normal flow rate, 5-50 L/min
	H	High flow rate (distillate), 8-80 L/min
	U	Ultra high flow rate, 160 L/min (Fig 8)
	S	Shared hydraulics (Fig 9)
	M	Mixed flow rates (N & H only)
Eighth character	D	Remote pump ‘Dispenser’ (Fig 10)
	P	Internal pump
Ninth character (suffix)	W	Option for grades of biodiesel and biodiesel/distillate blends (suitable hose material, etc)

TEST PROCEDURE

Instruments should be tested in accordance with NSC Test Procedure No 5, *Driveway Flowmeters*.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors applied during a verification test of the fuel dispenser using the liquid for which it is to be verified/certified, and from normal flow rate to the minimum flow rate specified in the Certificate of Approval or Technical Schedule are:

±0.3% for the calibration/adjustment of the meter; and
±0.5% for in-service inspection of the complete measuring system.

Note: Adjusting the errors of a meter to values OTHER than as close as practical to zero is forbidden, even when these values are within the maximum permissible errors.

Other applicable maximum permissible errors are:

±0.5% for gas elimination device for petrol;
±1.0% for gas elimination device for liquids having a dynamic viscosity exceeding 1 mPa.s (distillate);
±20 mL for deliveries equal to the minimum measured quantity; and
±20 mL due to hose dilation.

Manager Functions

All fuel dispensers are fitted with a manager's keypad and rotary mode switch located on top of the indicator panel. The switch permits the following functions:

Attendant-operated or self-serve operation
Set price – for each grade of product
Set allocation (#) – in $ in units of 1 up to 990
Totals – in $ or L for each hose
Test – allows field test procedures

(#) limit of amount dispensed in $.

Unit Price Change Procedure

1. Rotate the manager's function switch and set it to 'set price'
2. The indicator will be displaying the current unit price and dollars segment will start to blink.
3. Using the manager's keypad, input the new unit price and then rotate the switch back to attended-operated or self serve.

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Pre-set Operation

1. Select the amount of fuel required by pressing the buttons marked “$1, $5, and $20“.
2. The selected amount is displayed on “$” display and the word “PRESET” will be displayed on the ”Litres” display of the indicator; this will be displayed for 30 seconds before reverting to its previous indication. Each time an amount button is pressed whilst the pre-set is been displayed the amount pressed will be added to the pre-set amount displayed.
3. To cancel the pre-set amount or to start again, press the “Fill/Clear” button.
4. Lift the nozzle; all the displays will go through the reset routine displaying “All 8’s”. After the completion of the reset routine the pre-set amount will be displayed – whilst the pre-set is being displayed it can be changed and the pre-set amount will be displayed for a few seconds.
5. When the nozzle trigger is pressed the display reverts to “zeros” and the delivery starts.
6. When the dispenser is reaching the selected amount the flow rate will drop sharply and the dispenser will stop automatically at the selected amount.
7. Hang up the nozzle; the pre-set amount may be viewed by pressing the “Recall” button which will display the pre-set amount on the ‘$’ display, the word “LAST” on the “unit price” display and the word “PRESET” on the “Litres” display. The displayed indication will be maintained for about 25 seconds.

TECHNICAL SCHEDULE No 5/6A/204

VARIATION No 1

Pattern: Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

Submittor: Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144

1. Description of Variants

1.1 Variant 4

For use with a Gilbarco model T20150 four-piston positive displacement flowmeter (Figure 11) which is similar to the meter of the pattern except that the outlet is at the bottom of the meter.

1.2 Variant 5

With a Gilbarco Electroline Mk4 calculator/indicator with software versions as listed below in Table 2, which is similar to the pattern except that the display limits and resolution are as follows:

Price	$0 000.00 to $9 999.99 in 1 ¢ increments (Figure 12)
Volume	0 000.00 L to 9 999.99 L in 0.01 L increments
Unit price	0.1 to 999.9 in 0.1 ¢/L increments
Totaliser	0 000 000 L to 9 999 999 L in one litre increments

Note: Refer to the documentation of approval NMI 5/6A/212 dated 5 December 2005 for manager functions and checking facilities.

TABLE 2

Dispensers	**Software Versions**
Electroline Mk4 1 & 2 hose	Ver 81:07
Electroline Mk4 Multi hose	Ver 82:07
Electroline Mk4 Ultra Hi Flow	Ver 83:07
Electroline Mk4 Trio	Ver 88:01

Software Version Numbers – Gilbarco Electroline Mk4 Calculator/Indicator

1.3 Variant 6

A Gilbarco model T903 Electroline Mk4 Trio island/lane orientated dispenser fitted with three hoses/nozzles which are mounted in the front, rear and on one end of the dispenser housing (Table 3 and Figure 13).

The display of the island orientated hose/nozzle can be viewed on either side of the dispenser and each lane orientated hose/nozzle has a dedicated display.

TABLE 3

The model number has 'T903' as the first four characters followed by a series of other characters as listed in Table 3.

Character	Codes	Meaning
Fifth character	A	Australia
Sixth character	3	Number of hoses
Seventh character	N	Normal flowrate, 5 – 50 L/min
	H	High flowrate (distillate), 8 – 80 L/min
	U	Ultra high flowrate, 160 L/min
	S	Shared hydraulics
	M	Mixed flow rates (N, H, and U only)
Eighth character	P	Pump with gas separator
	D	Dispenser with external pump

Meaning of Model Designations – Gilbarco T903 Electroline Mk4 Trio Series

NOTIFICATION OF CHANGE

Certificate of Approval No 5/6A/204 dated 16 February 2004 is superseded by the Certificate dated 11 April 2006 attached herein in which the Special Conditions of Approval for Variant 3 have been removed.

TECHNICAL SCHEDULE No 5/6A/204

VARIATION No 2

Pattern: Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

Submittor: Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144

1. Description of Variant 7

Certain models of the Gilbarco T904 Electroline Mk4 Flow Select series of lane orientated dispensers fitted with up to four hoses/nozzles (Table 4 and Figure 14).

TABLE 4

The model number has 'T904' as the first four characters followed by a series of other characters as listed in Table 3.

Character	Codes	Meaning
Fifth character	A	Australia
Sixth character	1, 2, 3 or 4	Number of hoses
Seventh character	N	Normal flow rate, 5 – 50 L/min
	H	High flow rate (distillate), 8 – 80 L/min
	M	Mixed flow rates
Eighth character	P	Pump with gas separator
	D	Dispenser with external pump

Meaning of Model Designations – Gilbarco T904 Electroline Mk4 Flow Select Series

NOTIFICATION OF CHANGE

In Technical Schedule No 5/6A/204 dated 16 February 2004 clause **1.7 Markings**, the following should be added;

> "The maximum and minimum flow rates shall be marked (*) when different rates are used for various hoses/nozzles within the same fuel dispenser.
>
> (*) e.g. Q_{max} = 50/80 L/min
>
> Q_{min} = 5/8 L/min"

TECHNICAL SCHEDULE No 5/6A/204

VARIATION No 3

Pattern: Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

Submittor: Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144

1. Description of Variant 8

With a Fitsafe model FS-14ILA3\4BSPT in-line cartridge filter installed downstream of the meter and outside the fuel dispenser housing (Figure 15).

The filter may be installed on any model dispenser of this approval and used with any liquid hydrocarbon for which the dispenser is approved.

The filter unit is sealed to prevent any drainage of the product between the inlet of the filter and the nozzle of the fuel dispenser.

The maximum permissible errors applicable are those applicable to the fuel dispenser to which the instrument approved herein is fitted.

When the filter is changed the system is required to be primed with liquid up to the nozzle, and then the filter is to be sealed.

If a filter is installed after the fuel dispenser has been verified/certified, then the dispenser must be tested and certified again after the filter has been installed. Similarly if the filter is removed then the dispenser must again be tested and certified.

A destructible adhesive label should be applied after verification/certification.

TECHNICAL SCHEDULE No 5/6A/204

VARIATION No 4

Pattern: Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

Submittor: Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144

1. Description of Variant 9

The pattern and variants for use to dispense various grades of petrol which may include up to 85% ethanol ('E85').

NOTE

The date at which this approval becomes due for review has been amended following completion of a review.

5/6A/204
28 July 2004

Australian Government

National Measurement Institute

12 Lyonpark Road, North Ryde NSW 2113

Notification of Change
Certificate of Approval No 5/6A/204
Change No 1

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

The following change is made to the approval documentation for the

Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

submitted by Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144.

In Technical Schedule No 5/6A/204 dated 16 February 2004, clause **2.3 Variant 3** is amended by adding the following:

"Instruments shall be marked as detailed in clause **1.7 Markings**, in particular the 'Nature of the liquids to be measured' shall be in the form 'Biodiesel' or 'biodiesel/distillate blend' or 'B'."

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the National Measurement Regulations 1999.

5/6A/204
3 September 2008

Australian Government

National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Notification of Change
Certificate of Approval No 5/6A/204
Change No 2

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

The following changes are made to the approval documentation for the

Gilbarco Model T900A2NP Electroline Mk4 Fuel Dispenser for Motor Vehicles

submitted by Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144.

A. In Certificate of Approval 5/6A/204 dated 16 June 2008, the FILING ADVICE should be amended by adding the following:

"Notification of Change No 2 dated 3 September 2008"

B. In Technical Schedule No 5/6A/204 dated 16 February 2004 clause **1.2 Description of Metering System**, sub-clause (iv) should be amended to read, in part;

"The nozzle used is a 16 mm ZVA, **or Elaflex model 'Slimline 2' ZVA nozzle**, or any other **compatible** approved nozzle."

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the *National Measurement Regulations 1999*.

Australian Government
National Measurement Institute
Bradfield Road, West Lindfield NSW 2070

Notification of Change
Certificate of Approval No 5/6A/204
Change No 3

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

The following changes are made to the approval documentation for the

Gilbarco Model T900A2NP Electroline Mk 4 Fuel Dispenser for Motor Vehicles

submitted by Gilbarco Australia Limited
20 Highgate Street
AUBURN NSW 2144.

A. In Certificate of Approval 5/6A/204 dated 5 July 2010, the FILING ADVICE should be amended by adding the following:

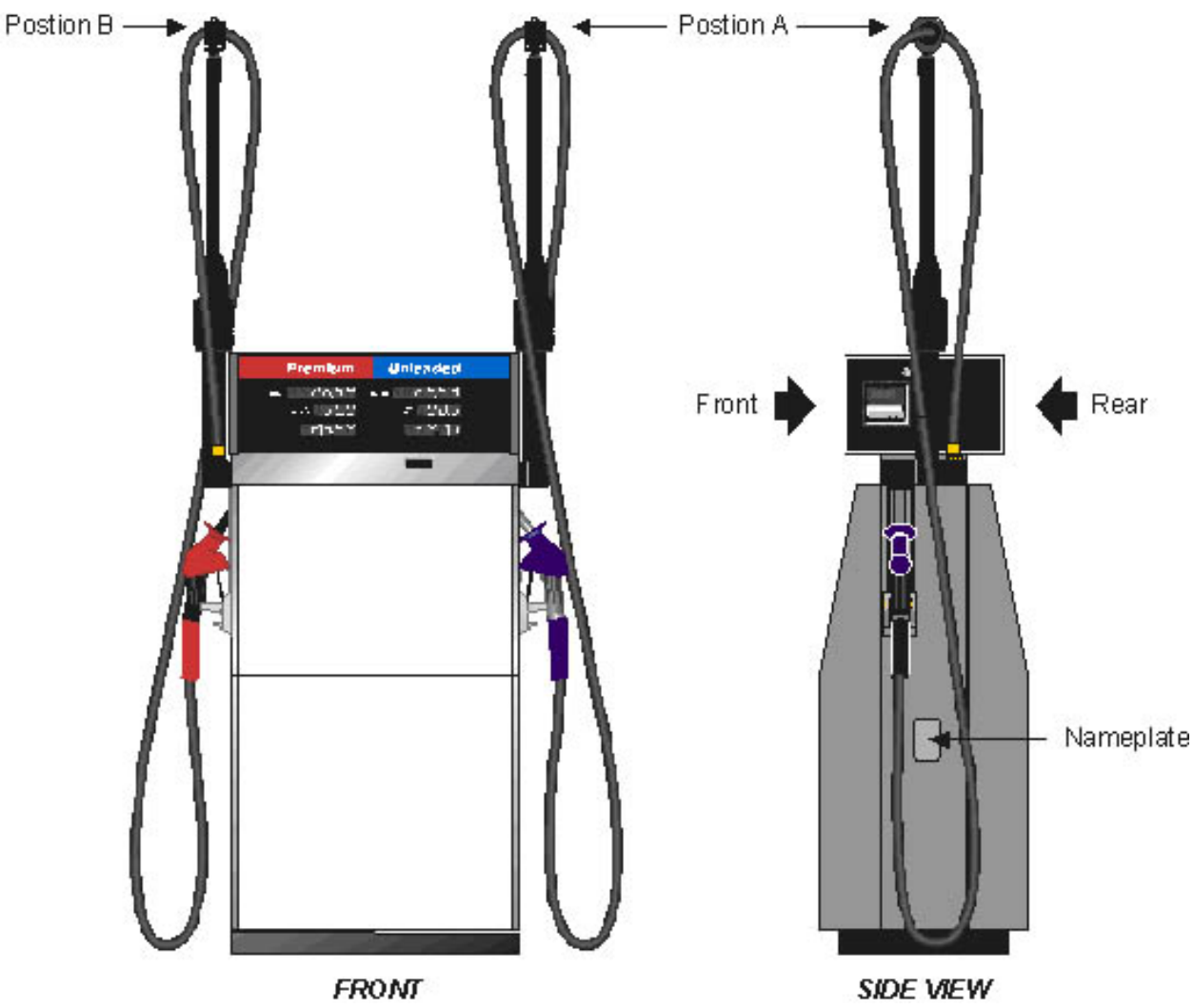
"Notification of Change No 3 dated 13 October 2011"

B. In Technical Schedule No 5/6A/204 dated 16 February 2004, clause **1.1 Field of Operation**, should be amended to read, in part;

"Environmental temperature range –25^{o}C to **55**^{o}C"

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the *National Measurement Regulations 1999*.

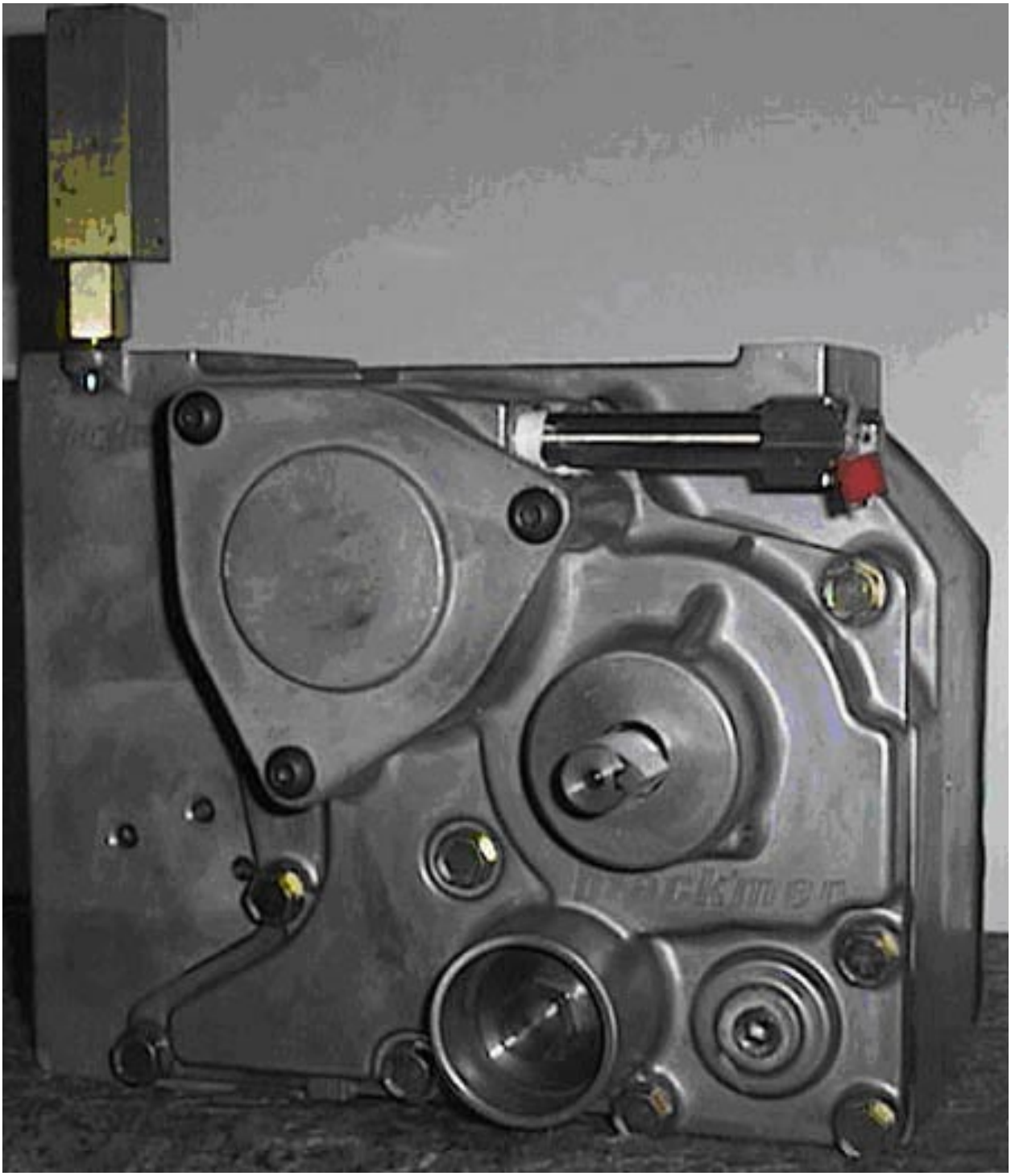
FIGURE 5/6A/204 – 1



Gilbarco Model T0900A2NP (“Island” Oriented) Electroline Mk4 Fuel Dispenser

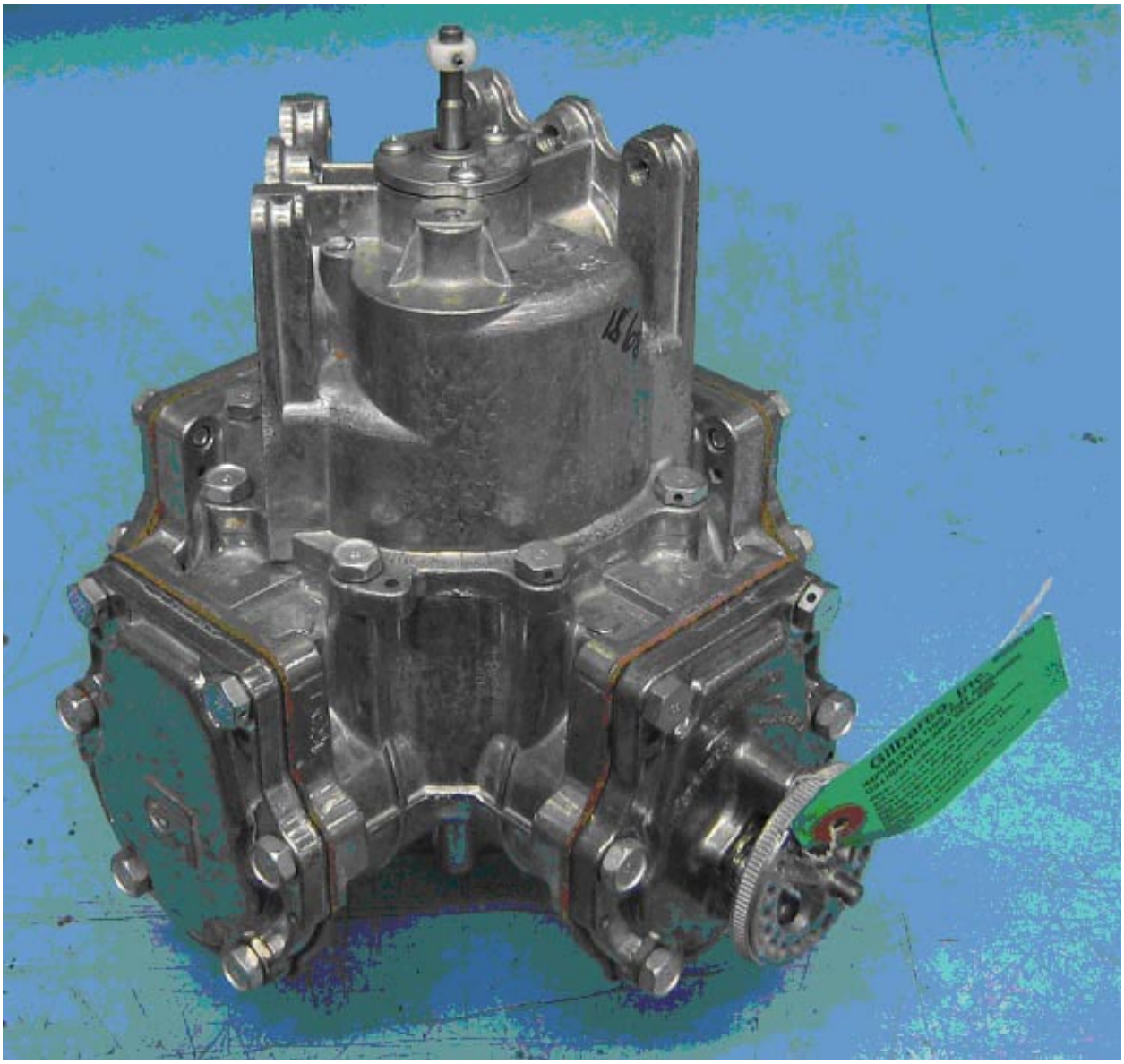
5/6A/204
16 February 2004

FIGURE 5/6A/204 – 2



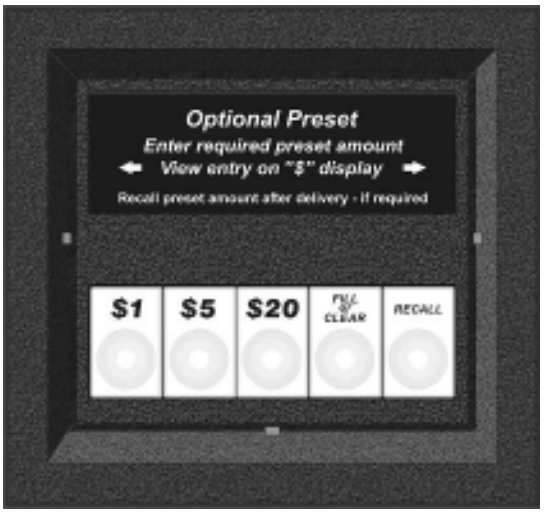
Blackmer Model GDP-90 Pumping Unit

FIGURE 5/6A/204 – 3



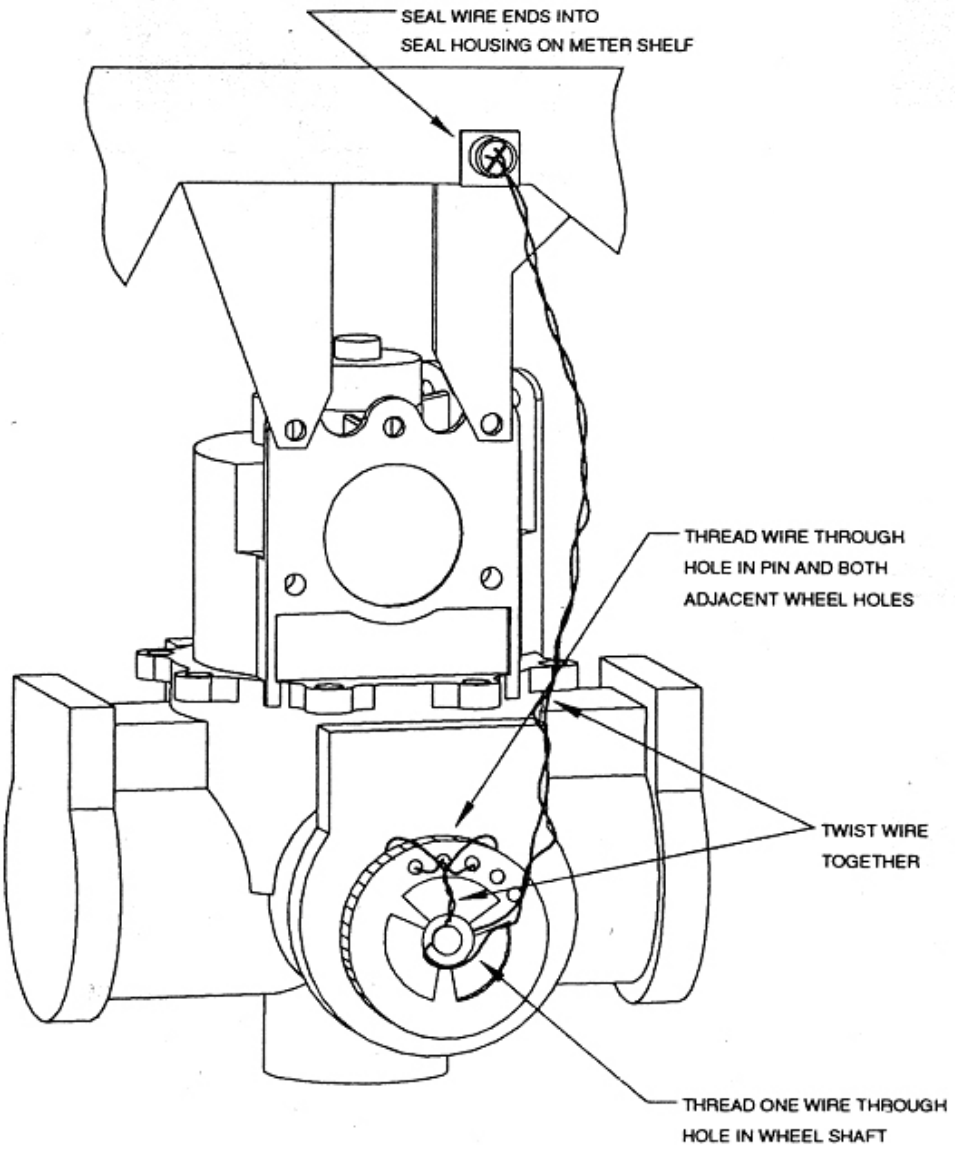
Gilbarco Model T262 (PA024) Meter

FIGURE 5/6A/204 – 4



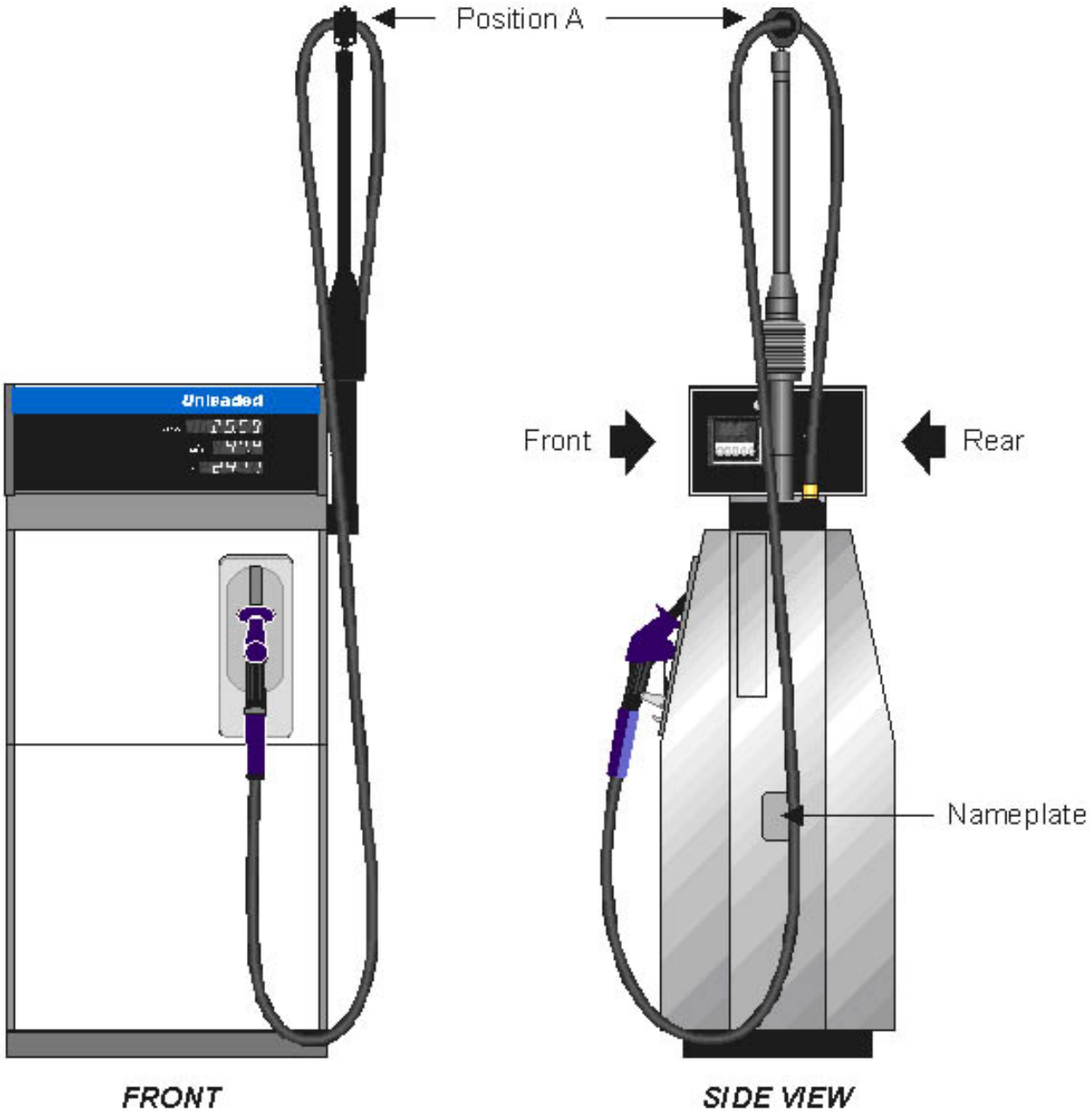
Gilbarco Model Electroline Indicator and Gilbarco Pre-set Keypad

FIGURE 5/6A/204 – 5



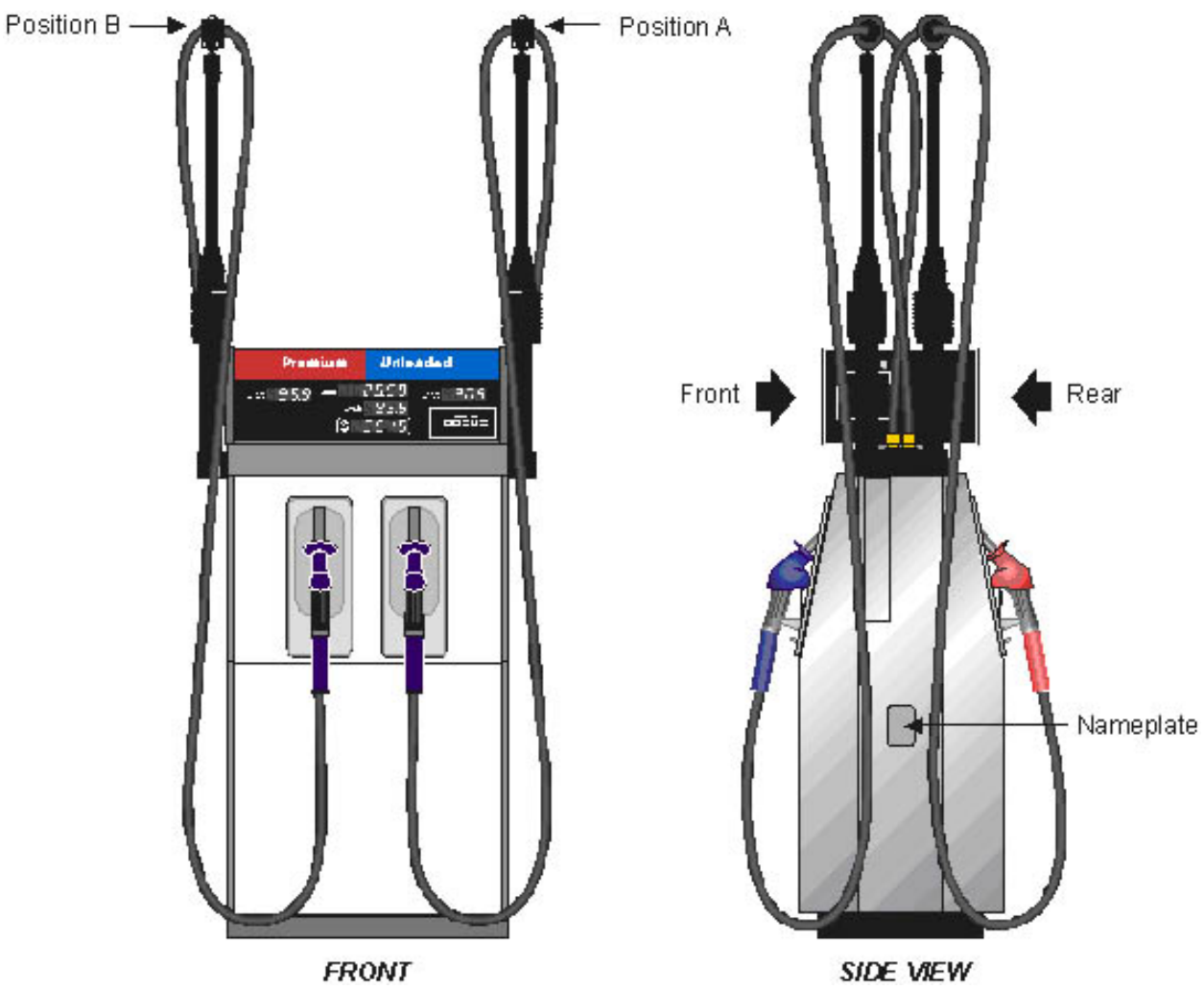
Meter Sealing

FIGURE 5/6A/204 – 6



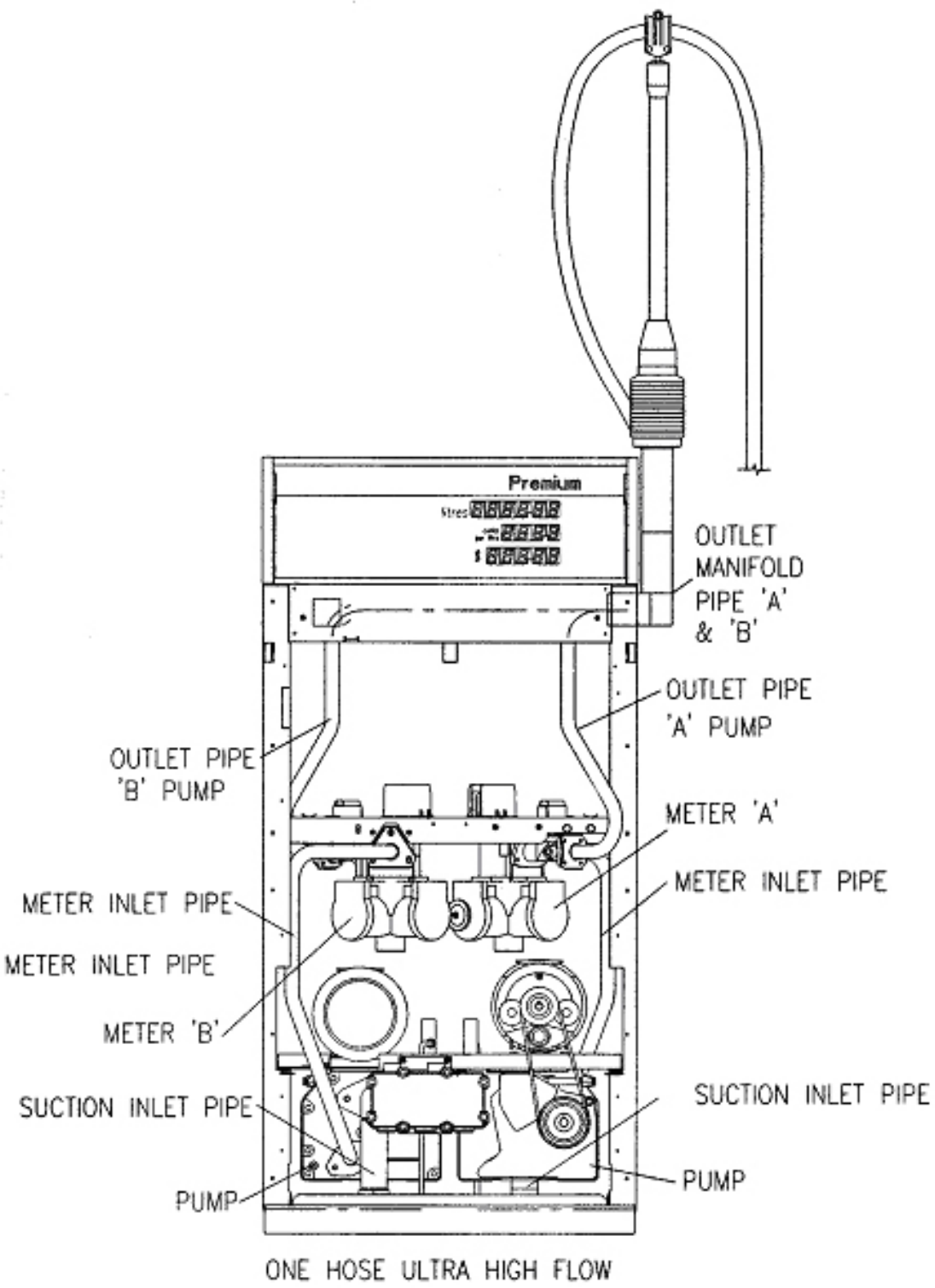
Typical Single Hose ‘Lane’ Oriented Electroline Mk4 Fuel Dispenser

FIGURE 5/6A/204 – 7



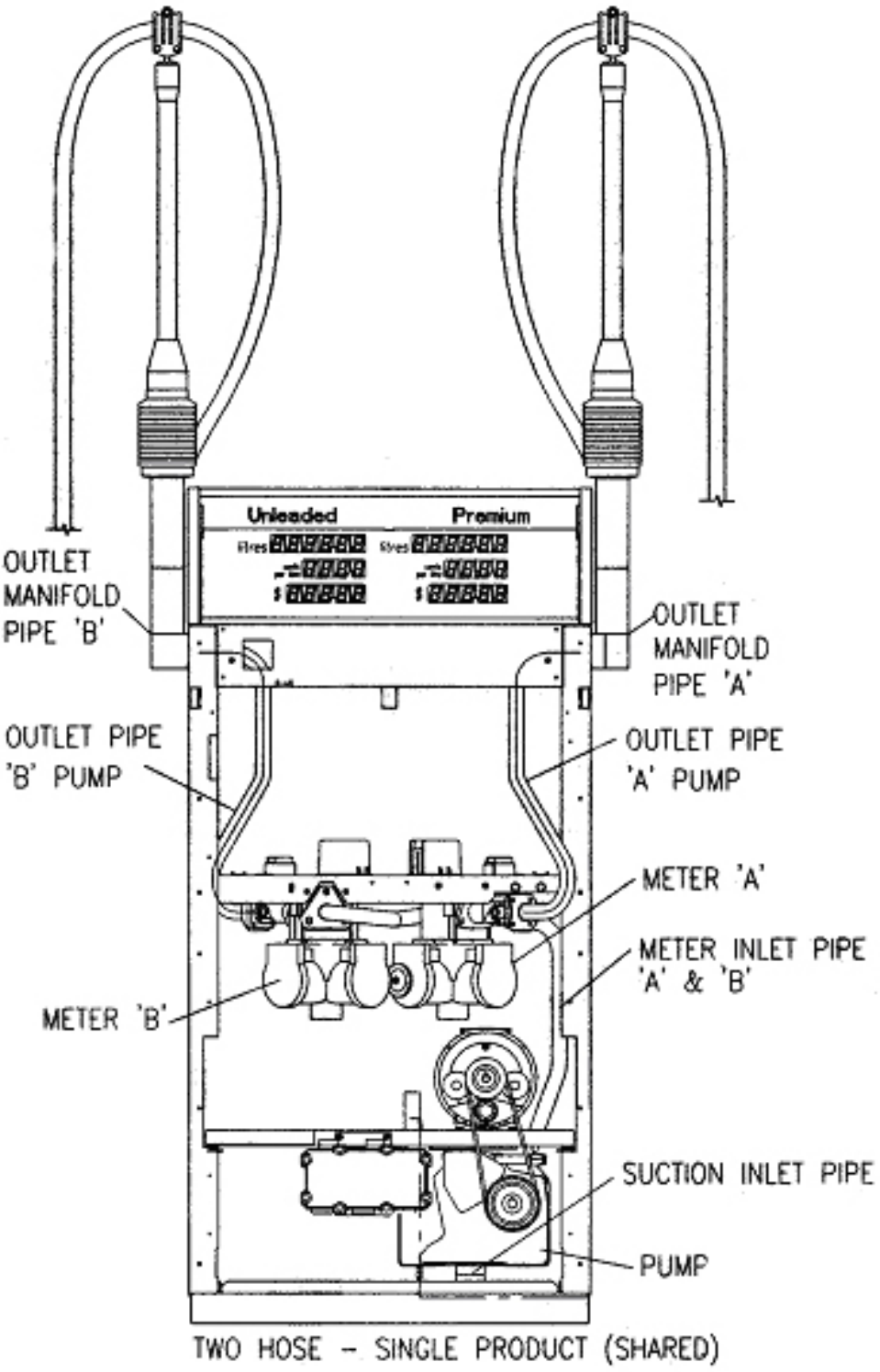
Typical Multi-hose Electroline Mk4 Fuel Dispenser

FIGURE 5/6A/204 – 8



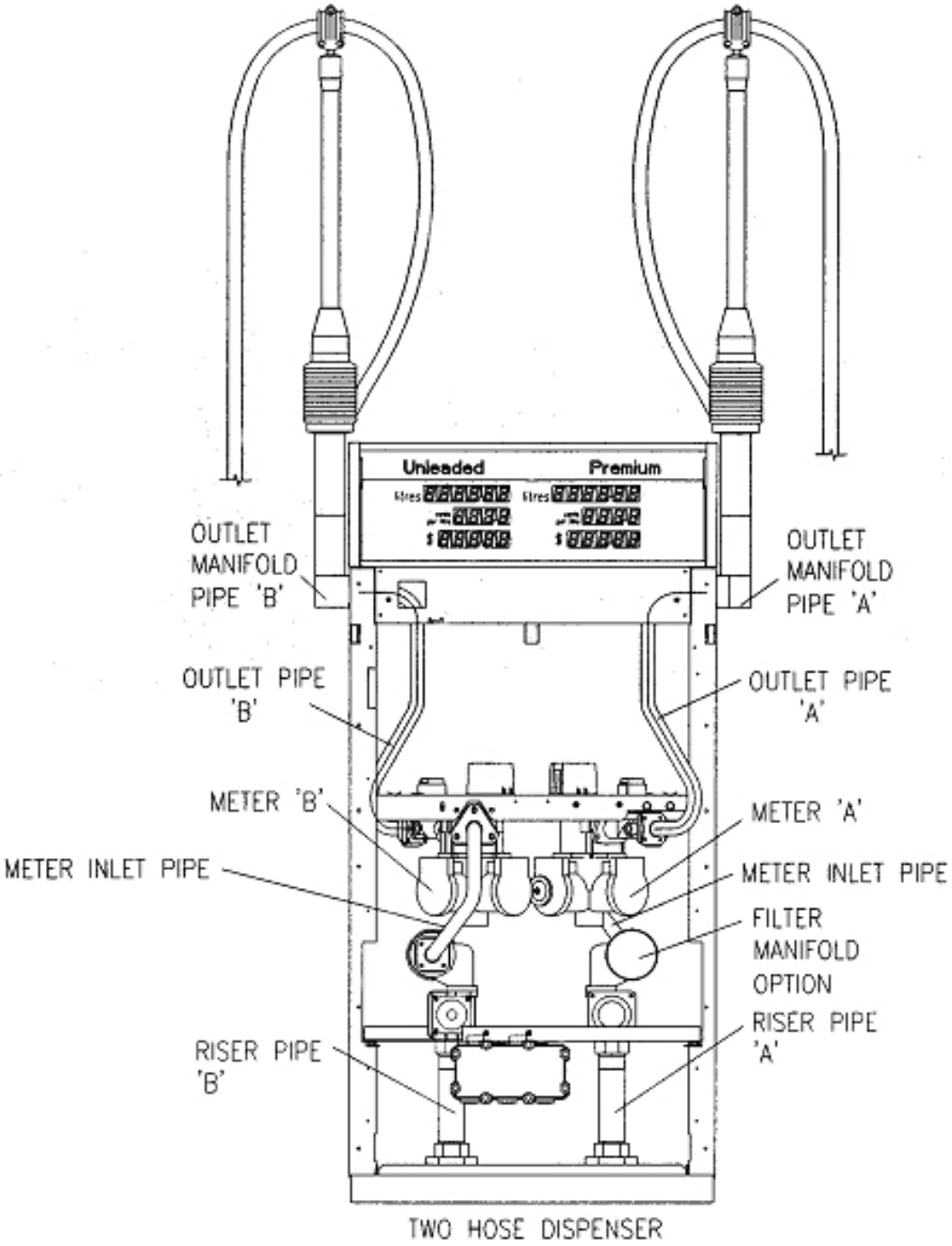
ONE HOSE ULTRA HIGH FLOW

FIGURE 5/6A/204 – 9



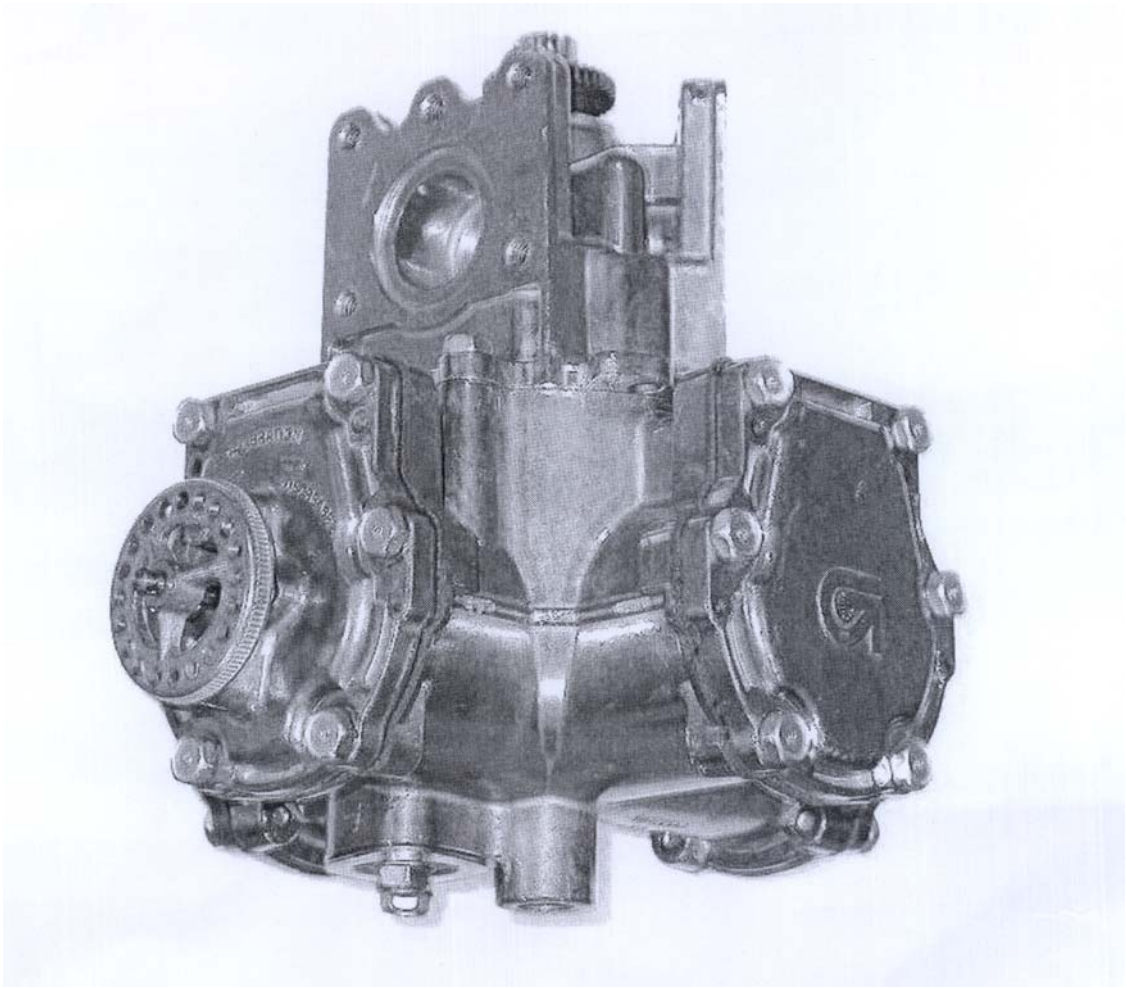
Typical “Shared Hydraulics” Electroline Mk4 Fuel Dispenser

FIGURE 5/6A/204 – 10



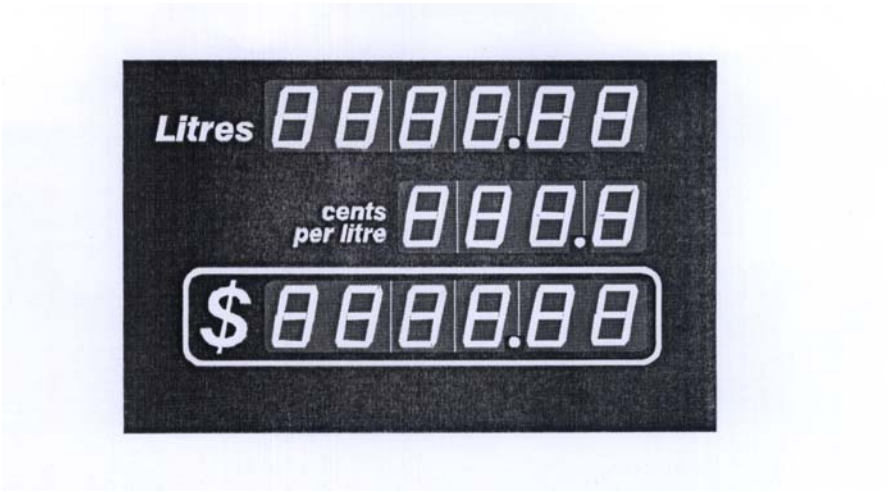
Typical Electroline Mk4 Fuel Dispenser For Use With a Submersible Turbine Pump (STP) Hydraulic System

FIGURE 5/6A/204 – 11



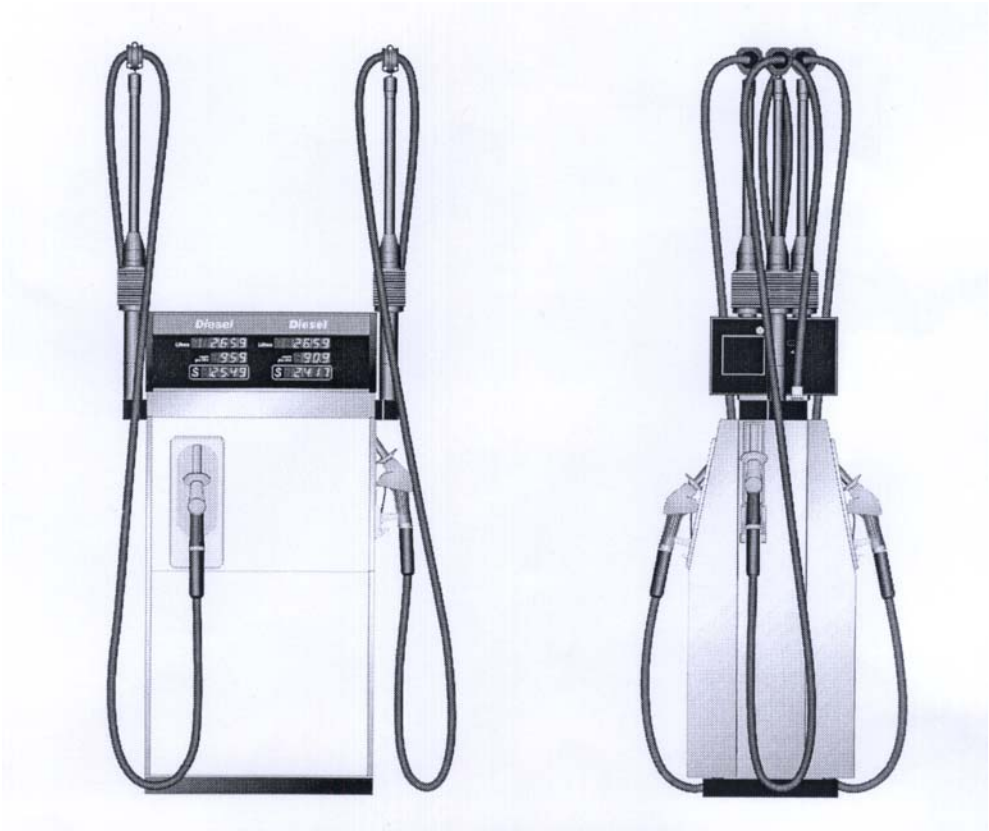
Gilbarco Model T20150 Flowmeter

FIGURE 5/6A/204 – 12



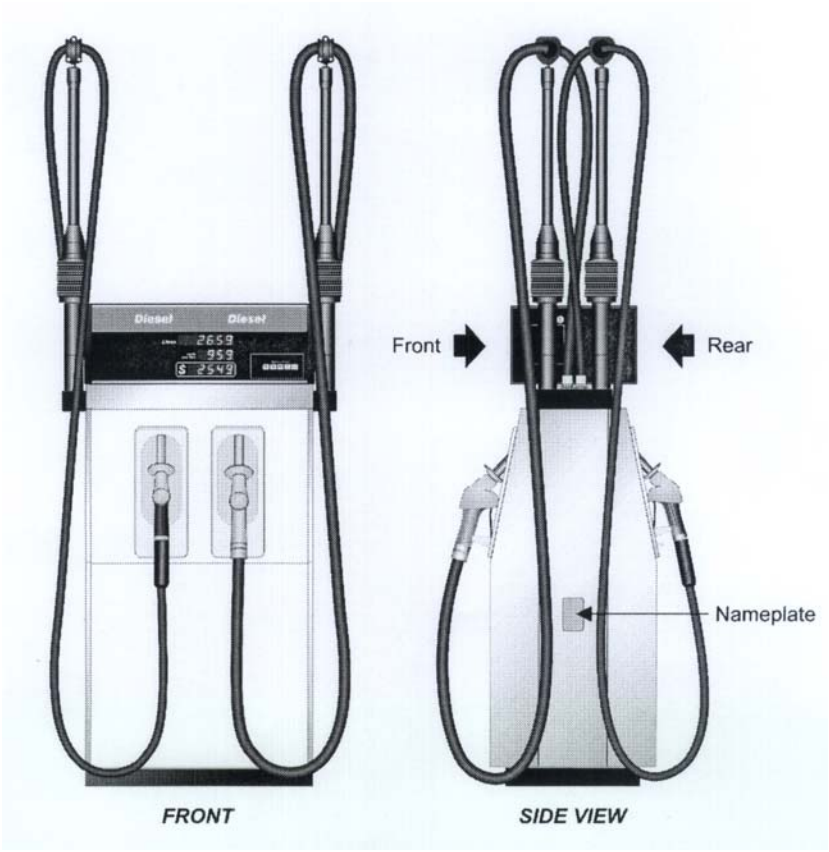
Gilbarco Model Electroline Mk4 Calculator Display

FIGURE 5/6A/204 – 13



Gilbarco Model T903 Electroline Mk4 Trio Dispenser

FIGURE 5/6A/204 – 14



Typical Gilbarco T904A4 Electroline Mk4 Flow Select Dispenser

FIGURE 5/6A/204 – 15

Typical Fitsafe Filter Installation